

Major milestone reached in Internet governance transition

At its most recent meeting earlier this month, ICANN (the Internet Corporation for Assigned Names and Numbers) signed off on a reform plan that is likely to see the global Internet community finally assume oversight of the unique codes and numbering systems that drive the Internet.

Up until now, there's been a contract between ICANN and the United States Department of Commerce to keep some U.S. government oversight of what are known as the IANA functions - e.g. the root zone, IP numbers and protocol parameters.

In 2014, the U.S. announced that it would end its role and complete handing oversight of ICANN to the global Internet community. For the past two years, a huge range of stakeholders has been involved in developing a plan for the transition of oversight, and for related accountability improvements.

Under the reform plans a new group of direct ICANN customers will oversee the critical operational functions, with the domain names part done inside a new ICANN subsidiary company. A raft of new accountability tools are also agreed.

The package has been sent to the U.S. government for their consideration. All going well, the U.S. will approve the change, and when the current IANA Functions contract expires on 30 September, oversight will move to the Internet community.

The impact on day-to-day use should be none but, over time, the framework should be a resilient one that sees the DNS able to evolve based on the needs of users and Internet stakeholders. It's a model similar to the community stewardship of .nz.

People across the InternetNZ group have played important roles in helping make this transition happen. For more information

visit <https://internetnz.nz/blog/icann-accountability-and-iana-stewardship-update>

Domain Name Commissioner elected to ccNSO Council

Domain Name Commissioner Debbie Monahan has been elected to the Council of the ccNSO (the Country Code Names Supporting Organisation).

ccNSO is the part of ICANN (the Internet Corporation for Assigned Names and Numbers) that provides a forum for country code top level domain managers to meet, discuss and develop ccTLD-related policy.

For those interested, more information about the role and work of the ccNSO is available online at ccnsso.icann.org.

Statistics

In February 2016, the number of active .nz domain names increased from 655,612 to 658,633, a net increase of 3,021. Figures as of 29 February 2016:

	31 Jan 16	29 Feb 16	Creates	Renews	Net Change
.nz	105,737	107,834	3,058	10,671	2,097
.ac.nz	2,260	2,285	33	387	25
.co.nz	479,662	480,723	6,672	61,222	1,061
.cri.nz	7	7	0	3	0
.geek.nz	1,064	1,063	5	234	-1
.gen.nz	1,225	1,225	7	303	0
.govt.nz	1,025	1,028	3	1,025	3
.health.nz	225	226	1	205	1
.iwi.nz	94	97	3	14	3
.kiwi.nz	5,565	5,571	49	421	6
.maori.nz	982	975	5	113	-7
.mil.nz	30	30	0	6	0
.net.nz	26,219	26,046	181	3,558	-173
.org.nz	27,968	27,979	250	3,637	11
.parliament.nz	11	11	0	11	0
.school.nz	3,538	3,533	6	980	-5
TOTAL	655,612	658,633	10,273	82,790	3,021

Note: these figures do not include names in 'pending release' status. They incorporate all active domain names in the .nz register. For more statistics, see <https://dnc.org.nz/statistics>

Availability

Availability %	SLA	Dec 15	Jan 16	Feb 16
SRS	99.9	100	99.94	100
Whois	99.9	100	99.94	100
DNS	100	100	100	100

SRS Response times

Performance figures on the production environment for the previous three months:

Avg Response time (in seconds)	SLA Target	Dec 15	Jan 16	Feb 16
Domain Details Query	≤0.5	0.04	0.04	0.04
Domain Update	≤0.8	0.40	0.37	0.32
Domain Create	≤0.8	0.46	0.47	0.45
Get Message	≤0.5	0.11	0.16	0.16
Whois	≤0.5	0.14	0.16	0.15
Whois queries at back end including Registrar (volume 000's)	N/A	7,452	9,473	9,408
Whois Server Queries (volume 000's)	N/A	1,457	1,438	1,438
UDAI Valid Query	≤0.5	0.18	0.18	0.18

Server DNS % Availability

	Dec 15	Jan 16	Feb 16
NS1	100	100	100
NS2	100	100	100
NS3	100	100	100
NS4	100	100	100
NS5	100	100	100
NS6	100	100	100

NS7	100	100	100
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Unscheduled Outages during February 2016

Outage Type	Total Duration
SRS Unscheduled	No unscheduled outages
WHOIS Unscheduled	No unscheduled outages
DNS Unscheduled	No unscheduled outages

Scheduled Outages during February 2016*

Outage Type	Total Duration
SRS Scheduled	2 hours
SRS Emergency Scheduled	No scheduled outages
WHOIS Scheduled	No scheduled outages

** Registrars are reminded to check their systems, if required, after any scheduled outage.*

Any Comments?

If you have any questions or concerns about the SRS, please don't hesitate to contact us. For registry or technical matters, contact Dave Baker at support@nzrs.net.nz or on 04 931 6970. For all other matters, contact Debbie Monahan at info@dnc.org.nz

Please note

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